

## WHAT IS CLAIMED IS

1. A cup pad with a radiation means comprising:

- 5        a body having a hole base on a suitable position thereof;  
a pervious containing room having a transparent containing room with a back cover  
fastened by screwing;  
a radiation unit having a switch and a PCB, which one surface having a plurality of  
LEDs controlled by an IC chip, another bottom surface having circuits and a power  
10       device, wherein the switch having a switching element.

2. The cup pad with the radiation means as cited in claim 1, wherein the hole base is  
shaped as multiple layers on a surface of the body, and a gasket is set on the  
surface.

3. The cup pad with the radiation means as cited in claim 2, wherein a cooperation of  
15       a projecting ring on a top edge of the room and an inner layer on the surface of the  
body is capable of keeping an upper display of the pervious containing room and  
the gasket of the body on a same plane.

4. The cup pad with the radiation means as cited in claim 1, wherein the PCB of the  
radiation unit is embedded in the containing room, and a surface of the radiation  
20       unit is corresponding to a display of the pervious containing room.

5. The cup pad with the radiation means as cited in claim 1, wherein the switch of the  
radiation unit is fit in the cover of the room, and thus using the switching element  
of the switch to cooperate with a hole of the back cover for the switching element

elongating to a bottom portion of the back cover.

6. The cup pad with the radiation means as cited in claim 5, wherein the switching element of the switch is corresponding to the circuits of the bottom surface of the PCB in the pervious containing room after the back cover fastening with the pervious containing room by screwing.

7. The cup pad with the radiation means as cited in claim 1, wherein the switch is made of soft conductive rubber and partially adhered on the back cover for the switching element of the switch having flexibility.

8 The cup pad with the radiation means as cited in claim 1, wherein the switch can be driven by a receiver to let the IC chip on the surface of the PCB control plural LEDs emitting for showing an incoming telephone.